

# Vladimir Shulaev

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1104018/publications.pdf>

Version: 2024-02-01

17  
papers

1,626  
citations

759233

12  
h-index

996975

15  
g-index

17  
all docs

17  
docs citations

17  
times ranked

2855  
citing authors

#	ARTICLE	IF	CITATIONS
1	Non-targeted Lipidomics Using a Robust and Reproducible Lipid Separation Using UPLC with Charged Surface Hybrid Technology and High-Resolution Mass Spectrometry. <i>Methods in Molecular Biology</i> , 2022, 2396, 175-186.	0.9	1
2	GC-MS/MS Profiling of Plant Metabolites. <i>Methods in Molecular Biology</i> , 2022, 2396, 101-115.	0.9	5
3	Analysis of Grape Volatiles Using Atmospheric Pressure Ionization Gas Chromatography Mass Spectrometry-Based Metabolomics. <i>Methods in Molecular Biology</i> , 2022, 2396, 117-136.	0.9	1
4	Comprehensive Analysis of Plant Lipids Using Sub-2- $\mu$ m Particle CO <sub>2</sub> -Based Chromatography Coupled to Mass Spectrometry. <i>Methods in Molecular Biology</i> , 2022, 2396, 187-195.	0.9	0
5	Metabolomics technology and bioinformatics for precision medicine. <i>Briefings in Bioinformatics</i> , 2019, 20, 1957-1971.	6.5	88
6	Combination of an AccQ <sup>®</sup> Tag-Ultra-Performance Liquid Chromatographic Method with Tandem Mass Spectrometry for the Analysis of Amino Acids. <i>Methods in Molecular Biology</i> , 2019, 2030, 191-206.	0.9	15
7	Supercritical fluid chromatography coupled to mass spectrometry – A metabolomics perspective. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018, 1092, 499-505.	2.3	37
8	Development and application of sub- $\mu$ m particle CO <sub>2</sub> -based chromatography coupled to mass spectrometry for comprehensive analysis of lipids in cottonseed extracts. <i>Rapid Communications in Mass Spectrometry</i> , 2017, 31, 591-605.	1.5	13
9	Plant lipidomics at the crossroads: From technology to biology driven science. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2017, 1862, 786-791.	2.4	12
10	Applications of Fourier Transform Ion Cyclotron Resonance (FT-ICR) and Orbitrap Based High Resolution Mass Spectrometry in Metabolomics and Lipidomics. <i>International Journal of Molecular Sciences</i> , 2016, 17, 816.	4.1	127
11	Chemical composition of volatile aroma metabolites and their glycosylated precursors that can uniquely differentiate individual grape cultivars. <i>Food Chemistry</i> , 2015, 188, 309-319.	8.2	65
12	Spatial Mapping of Lipids at Cellular Resolution in Embryos of Cotton. <i>Plant Cell</i> , 2012, 24, 622-636.	6.6	114
13	Plant Metabolomics by GC-MS and Differential Analysis. <i>Methods in Molecular Biology</i> , 2011, 678, 229-246.	0.9	18
14	Bioinformatics tools for cancer metabolomics. <i>Metabolomics</i> , 2011, 7, 329-343.	3.0	106
15	Sensitive and Rapid Method for Amino Acid Quantitation in Malaria Biological Samples Using AccQ <sup>®</sup> Tag Ultra Performance Liquid Chromatography-Electrospray Ionization-MS/MS with Multiple Reaction Monitoring. <i>Analytical Chemistry</i> , 2010, 82, 548-558.	6.5	130
16	Metabolomics for plant stress response. <i>Physiologia Plantarum</i> , 2008, 132, 199-208.	5.2	583
17	Metabolomics technology and bioinformatics. <i>Briefings in Bioinformatics</i> , 2006, 7, 128-139.	6.5	311